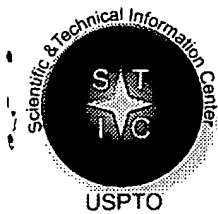


10/005016

L Number	Hits	Search Text	DB	Time stamp
1	0	("bandage or dressing) and instructions").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/26 09:07
2	2639	(bandage or dressing) and instruction	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/26 09:07
3	1027	((bandage or dressing) and instruction) and adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/26 09:17
4	456	(602/41).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/26 09:20
5	440	(bandage or dressing) and indicia	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/26 09:39
6	39	wound and care and management and indicia and (bandage or dressing or substrate or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/26 09:41
7	236	wound adj2 management and (dressing or bandage or film)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/26 09:41
8	166	wound adj2 management and (dressing or bandage or film) and adhesive	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/26 09:41
9	32	(wound adj2 management and (dressing or bandage or film) and adhesive) and (indicia or marking or color)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/08/26 09:42



# STIC Search Report

## EIC 3700

STIC Database Tracking Number: 102358

TO: Kim Lewis  
Location: CP2, 3B04  
Art Unit: 3761

Case Serial Number: 10/005016

From: Jeanne Horrigan  
Location: EIC 3700  
CP2-2C08  
Phone: 305-5934

[jeanne.horrigan@uspto.gov](mailto:jeanne.horrigan@uspto.gov)

### Search Notes

Attached are the search results for the bandage indicating wound care instructions, including author and prior art searches in foreign and international patent databases; prior art searches in medical and general sci/tech information in non-patent literature databases; and prior art searches in the Internet using the Google and Scirus search engines.

Also attached is a search feedback form. Completion of the form is voluntary. Your completing this form would help us improve our search services.

I hope the attached information is useful. Please feel free to contact me (phone 305-5934 or email [jeanne.horrigan@uspto.gov](mailto:jeanne.horrigan@uspto.gov)) if you have any questions or need additional searching on this application.

**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Requester's Full Name: Kim M. Lewis Examiner #: 72430 Date: 8/26/03  
 Art Unit: 3761 Phone Number 301-811-1191 Serial Number: 10/005016  
 Mail Box and Bldg/Room Location: CP2-3809 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): Kenneth Levine

Earliest Priority Filing Date: 12/4/01

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

I'm looking for literature concerning wound care. Specifically, adhesive bandages, film, webs that include wound care instructions. Also, I'm looking for adhesive bandages, webs, film that are of a particular <sup>marking/</sup>color, and the <sup>marking/</sup>color of the bandage indicates a certain wound care protocol or a certain day of the week. Note the attached claims, specifically method claims 16 - 21.

\*\*\*\*\*

**STAFF USE ONLY**

	Type of Search	Vendors and cost where applicable
Searcher: <u>Jeanne Horgan</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

File 155:MEDLINE(R) 1966-2003/Aug W5  
File 5:Biosis Previews(R) 1969-2003/Aug W4  
File 73:EMBASE 1974-2003/Aug W4  
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Aug W4  
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

Set	Items	Description
S1	3	AU='LEVIN K M'
S2	7	AU='LEVIN KENNETH'
S3	1	AU='LEVIN KM'
S4	11	S1:S3
S5	9	RD (unique items) [not relevant]

File 348:EUROPEAN PATENTS 1978-2003/Aug W04  
File 349:PCT FULLTEXT 1979-2002/UB=20030828,UT=20030821  
Set Items Description  
S1 0 PN=US 20020040202 + PN=US 4250889 + PN=US 4263919

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200355  
File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)  
File 371:French Patents 1961-2002/BOPI 200209  
Set Items Description  
S1 3 AU='LEVIN K M'

1/7/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
014530545 \*\*Image available\*\*  
WPI Acc No: 2002-351248/200238

**Adhesive bandage for indicating wound care instructions has flexible backing with non-adhesive side provided with markings indicating care instructions for wound**

Patent Assignee: LEVIN K M (LEVI-I)  
Inventor: **LEVIN K M**

Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020040202	A1	20020404	US 20015016	A	20011204	200238 B

Priority Applications (No Type Date): US 20015016 A 20011204

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020040202	A1		5	A61F-013/00	

Abstract (Basic): US 20020040202 A1

NOVELTY - A flexible backing (16) has a pressure-sensitive adhesive on one side and a non-adhesive side on the other side. The non-adhesive side of the backing is provided with markings indicating care instructions for a wound. A pad (18) is attached to the adhesive-faced side of the backing. The pad is positioned between the transverse edges (22a,22b) of the backing.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method allowing for visible indication that bandage shall be changed.  
USE - For indicating wound care instructions.

ADVANTAGE - Allows placement over a wound to clearly indicate information about what treatment the wound or patient shall receive.

DESCRIPTION OF DRAWING(S) - The figure shows the perspective view

ASRC Searcher: Jeanne Horrigan  
Serial 10/005016  
September 3, 2003

2

of the adhesive bandage.  
Flexible backing (16)  
Pad (18)  
Transverse edges (22a,22b)  
pp; 5 DwgNo 1/4

Derwent Class: P32  
International Patent Class (Main): A61F-013/00  
International Patent Class (Additional): A61F-015/00

File 155:MEDLINE(R) 1966-2003/Aug W5  
 File 5:Biosis Previews(R) 1969-2003/Aug W4  
 File 73:EMBASE 1974-2003/Aug W4  
 File 34:SciSearch(R) Cited Ref Sci 1990-2003/Aug W4  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
 File 144:Pascal 1973-2003/Aug W4  
 File 6:NTIS 1964-2003/Aug W5  
 File 8:Ei Compendex(R) 1970-2003/Aug W4  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Jul  
 File 94:JICST-EPlus 1985-2003/Aug W5  
 File 95:TEME-Technology & Management 1989-2003/Aug W3  
 File 35:Dissertation Abs Online 1861-2003/Aug  
 File 65:Inside Conferences 1993-2003/Aug W5

Set	Items	Description
S1	67896	BANDAGE? ? OR DRESSING? ?
S2	3245	ADHESIVE(5N) (FILM OR WEB)
S3	1782682	WOUND? ? OR INJUR???
S4	2080603	CARE
S5	628169	PROTOCOL? ?
S6	9685353	TREAT??? OR TREATMENT? ?
S7	233075	INSTRUCTION?
S8	7451017	THERAP?
S9	3336428	DAY? ?
S10	8302730	TIME? ?
S11	5859285	WHEN
S12	6399667	CHANGE? ? OR CHANGING
S13	561387	COLOR? ? OR COLOUR? ?
S14	46143	MARKING? ?
S15	86602	SYMBOL? ?
S16	534237	INDICATOR? ?
S17	270	INDICIA
S18	391321	TEXT? ?
S19	67921	S1 OR S2(S)S3
S20	998	S19(S)S13:S18
S21	1594954	S13:S18
S22	6462	S21(3N)S4
S23	1195	S21(3N)S5
S24	9649	S21(3N)S6
S25	1670	S21(3N)S7
S26	4388	S21(3N)S8
S27	2381	S21(3N)S9
S28	229	S21(3N)S10(2W)S12
S29	125	S21(3N)S11(2W)S12
S30	90	S19 AND S22:S29
S31	41	S19(S)S22:S29
S32	20	RD (unique items)
S33	1	S32/2002:2003
S34	19	S32 NOT S33
S35	19	Sort S34/ALL/PY,D

35/6/2 (Item 2 from file: 155)  
 09773915 21579102 PMID: 11721600  
**Health-care waste management in India.**  
 Oct 2001

35/6/3 (Item 3 from file: 155)

09600596 21384908 PMID: 11493295

**Silicone versus nonsilicone gel dressings: a controlled trial.**  
Aug 2001

35/6/5 (Item 5 from file: 155)

09154625 20457046 PMID: 11000077

**Healing at skin graft donor sites dressed with chitosan.**  
Oct 2000

35/6/6 (Item 6 from file: 5)

12254385 BIOSIS NO.: 200000007887

**The efficacy of *Serpens* spp bacterin combined with topical administration of lincomycin hydrochloride for treatment of papillomatous digital dermatitis (footwarts) in cows on a dairy in California.**  
1999

35/6/8 (Item 8 from file: 155)

11725273 99161980 PMID: 10064217

**How many nosocomial infections are missed if identification is restricted to patients with either microbiology reports or antibiotic administration?**  
Feb 1999

35/6/11 (Item 11 from file: 155)

10552916 96364702 PMID: 8715553

**A self-care assessment tool (SCAT) for persons with a spinal cord injury: an expanded abstract.**  
Mar 1996

35/6/15 (Item 15 from file: 155)

07726462 93181739 PMID: 1292085

**Self-care assessment tool for spinal cord injured persons.**  
Dec 1992

35/6/17 (Item 17 from file: 155)

05464466 87143125 PMID: 3102859

**Activities of daily living as quantitative indicators of nursing effort.**  
Feb 1987

35/6/18 (Item 18 from file: 155)

03027503 79204770 PMID: 452275

**Clinico-cytological indicators in the treatment of trophic ulcer of the leg with catgut dressing ]**  
May 1979

35/7/4 (Item 4 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

09299665 21037369 PMID: 11189544

**Simplifying modern wound management for nonprofessional caregivers.**

Seaman S; Herbster S; Muglia J; Murray M; Rick C  
Grossmont Hospital-Sharp HeathCare, La Mesa, CA, 5555 Grossmont Center Drive, La Mesa, CA 91942, USA.

Ostomy/wound management (United States) Aug 2000, 46 (8) p18-27,  
ISSN 0889-5899 Journal Code: 8912029

Document type: Clinical Trial; Journal Article; Randomized Controlled Trial  
Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

Nonprofessional caregivers currently are participating in managing pressure ulcers at home. As this can be a stressful experience, innovative and easy-to-use products are needed to support caregiver confidence. A multicenter, randomized clinical trial was conducted to compare clinical performance and ease of **instruction** of a change **indicator dressing** (SIG) and a hydrocolloid alginate **dressing** (HAD) in the management of pressure ulcers in the home and long-term care settings. SIG and HAD were randomized to 17 and 18 partial- or full-thickness pressure ulcers respectively. During five **dressing** changes, wound area, **dressing** application, maintenance, appearance, removal, wear time, ease of teaching, and caregiver understanding of each **dressing** 's instructions were measured. Both **dressings** were rated highly regarding ease of teaching, ease of use, appearance, maintenance, and helpfulness in signaling the need for **dressing** change by both professional and nonprofessional wound caregivers. Average **dressing** wear time was 3.2 days for SIG and 2.7 days for HAD. Of these wounds managed in a moist environment, 6 of 17 (35%) subjects whose wounds were dressed with SIG, and 1 of 18 (6%) dressed with HAD healed during the course of the study ( $\alpha < 0.04$ ). Percent wound reduction in area per day of care was also greater for SIG ( $\alpha < 0.01$ ). Innovative **dressings** may help caregivers provide consistent quality pressure ulcer care and improve wound-healing outcomes.

Record Date Created: 20010119

Record Date Completed: 20010308

35/7/7 (Item 7 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

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11769203 99207423 PMID: 10191699

[Differentiated local therapy of chronic wounds with modern wound dressings]

Differenzierte Lokalthherapie chronischer Wunden mit modernen Wundauflagen.

Eich D; Stadler R

Hautklinik Klinikum Minden.

VASA. Zeitschrift fur Gefasskrankheiten. Journal for vascular diseases ( SWITZERLAND) Feb 1999, 28 (1) p3-9, ISSN 0301-1526 Journal Code: 0317051

Document type: Journal Article; Review; Review, Tutorial; English Abstract

Languages: GERMAN

Main Citation Owner: NLM

Record type: Completed

Differentiated local therapy of chronic wounds with modern wound **dressings**. The therapy of chronic wounds comprises besides treating the underlying disease, for instance compression therapy and phlebosurgery with venous ulcus cruris modern differentiated local therapy. Conventional wound **therapy** comprises primarily of **colour** solutions, various ointments, local antimicrobial agents, and sterile pressure **bandages**. Although it has been proven that conventional methods impede wound healing compared with modern wound **dressings** they are still widely used. In comparison the principle of moist wound healing is the basis of modern differentiated wound therapy. Therefore a vast number of modern wound **dressings** has been established in the last years. As not every wound **dressing** is suitable for every type of wound the knowledge of available modern wound **dressings** is essential in order to choose the wound **dressing** which is most



suitable for the individual case. In the exudation/cleaning phase polyurethane foams, alginates and **dressings** containing activated charcoal are indicated. They can also be used in the granulation phase. The granulation phase is main indication for hydrokolloids and hydrogels. They are also used beside non-adhesive **dressings** and alginates in the epithelialisation phase. Besides the above synthetic wound **dressings** cytokines and biological skin equivalents are increasingly used in modern wound therapy. Biological skin equivalents comprise of epidermis equivalents, dermis substitutes and combined epidermis-dermis equivalents which are being developed at present. These will possibly be more effective on wound closure. Phase adapted use of modern wound **dressings** enables acute and chronic wounds to heal quickly and without complications. Present clinical studies are evaluating the importance of cytokines and new vital skin substitutes, which might offer interesting possibilities for further improvement in wound treatment. (57 Refs.)

Record Date Created: 19990720

Record Date Completed: 19990720

**35/7/9 (Item 9 from file: 155)**

DIALOG(R) File 155:MEDLINE(R)

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08965632 20255833 PMID: 10795270

**Situating wound management: technoscience, dressings and 'other' skins.**

Rudge T

School of Nursing, Faculty of Health Science, Flinders University of South Australia, Australia. Trudy.Rudge@flinders.edu.au

Nursing inquiry (AUSTRALIA) Sep 1999, 6 (3) p167-77, ISSN 1320-7881  
Journal Code: 9505881

Document type: Journal Article; Review; Review, Tutorial

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

This paper addresses the notion of wound care as a technology of skin and other skins imbued with the combined power of technology and science. It presents the discourses of wound care evident in the accounts of patients and nurses concerning this care, and discussions about wounds in wound care interest groups, journals, and advertising material about wound care products. The discussion focuses on wounds and wound **dressings** as effects immanent in the power relations of discourses of wound **care**. These effects **colour** and influence nurses' responses to wounds and wound care products. Moreover, the discourses that portray these practices are evidence of the complex articulation between technoscience and gender. Nurses and patients are fascinated by wound technoscience and lured towards it by its potential for mastery and control over wounds. Such seductions are evident in the texts of nurses, patients, and pharmaceutical advertisements for wound care products. Finally, the ways that these representations are used to talk about and market wound care products are shown as exemplifying the finer points of wound management as a nursing technoscience. (62 Refs.)

Record Date Created: 20000731

Record Date Completed: 20000731

**35/7/14 (Item 14 from file: 155)**

DIALOG(R) File 155:MEDLINE(R)

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10250177 96051725 PMID: 7582338

**Leg ulcer treatment: providing effective care in the community.**

Robinson B

Advances in wound care - the journal for prevention and healing (UNITED STATES) Sep-Oct 1995, 8 (5) p52, 54, ISSN 1076-2191 Journal Code: 9432971

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

The cost effectiveness of two different hydrocolloid **dressings** for healing venous ulcers in patients being cared for in the community in the United Kingdom is described. The importance of defining performance **indicators** against which **treatment** can be measured is emphasized.

Record Date Created: 19951207

Record Date Completed: 19951207

**35/7/16 (Item 16 from file: 155)**

DIALOG(R) File 155:MEDLINE(R)

(c) format only 2003 The Dialog Corp. All rts. reserv.

07277979 92140698 PMID: 1780065

**Burn dressings : a critical indicator for patient care classification in burn units.**

Driscoll D M

Nursing Service Branch, U.S. Army Institute of Surgical Research, Fort Sam Houston, TX 78234-5012.

Military medicine (UNITED STATES) Dec 1991, 156 (12) p654-7, ISSN 0026-4075 Journal Code: 2984771R

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

Nursing services consume approximately 60% of a hospital personnel budget, requiring justification for staffing levels and manpower expenses. The lack of an adequate level of nursing care affects the operation of the entire health care team. The purpose of this descriptive study is to establish the mean tasking time to apply burn **dressings**. The number of nursing staff required to complete a burn **dressings** application is dependent on the location of injury and the ability of the patient to cooperate. Establishing the essential mean tasking time for routine post-operative **dressings** assists in the production of accurate reporting of nursing manpower requirements.

Record Date Created: 19920306

Record Date Completed: 19920306

File 98:General Sci Abs/Full-Text 1984-2003/Jul  
 File 9:Business & Industry(R) Jul/1994-2003/Aug 29  
 File 16:Gale Group PROMT(R) 1990-2003/Aug 29  
 File 160:Gale Group PROMT(R) 1972-1989  
 File 148:Gale Group Trade & Industry DB 1976-2003/Aug 29  
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/Aug 29

Set	Items	Description
S1	84169	BANDAGE? ? OR DRESSING? ?
S2	2858	ADHESIVE(5N) (FILM OR WEB)
S3	280945	WOUND? ? OR INJUR???
S4	1609988	CARE
S5	428927	PROTOCOL? ?
S6	1413217	TREAT??? OR TREATMENT? ?
S7	264572	INSTRUCTION?
S8	514890	THERAP?
S9	3304044	DAY? ?
S10	7134082	TIME? ?
S11	4897082	WHEN
S12	4297277	CHANGE? ? OR CHANGING
S13	802891	COLOR? ? OR COLOUR? ?
S14	87235	MARKING? ?
S15	613965	SYMBOL? ?
S16	221252	INDICATOR? ?
S17	1951	INDICIA
S18	764282	TEXT? ?
S19	2332364	S13:S18
S20	84170	S1 OR S2 (5N) S3
S21	7402	S19 (3N) S4
S22	1095	S19 (3N) S5
S23	7413	S19 (3N) S6
S24	1861	S19 (3N) S7
S25	993	S19 (3N) S8
S26	7041	S19 (3N) S9
S27	224	S19 (3N) S10 (2W) S12
S28	394	S19 (3N) S11 (2W) S12
S29	25484	S21:S28
S30	54	S20(S) S29
S31	11	S20(10N) S29
S32	9	RD (unique items)
S33	1	S32/2002:2003
S34	8	S32 NOT S33
<b>S35</b>	<b>8</b>	<b>Sort S34/ALL/PD,D</b>
S36	43	S30 NOT S31
S37	10	S36/2002:2003
S38	33	S36 NOT S37
S39	29	RD (unique items)
<b>S40</b>	<b>29</b>	<b>Sort S39/ALL/PD,D</b>

**35/3,AB,K/2 (Item 2 from file: 9)**

DIALOG(R) File 9:Business & Industry(R)  
 (c) 2003 Resp. DB Svcs. All rts. reserv.  
 2249246 Supplier Number: 02249246

**Compound W Wart Remover Maximum Strength Medicated Pads for Kids (Medtech is introducing Compound W Wart Remover Maximum Strength Medicated Pads for Kids which boast bright colors and designs expected to appeal to kids)**

Lookout-Nonfoods, v XXI, n 18, p 172NF-98

September 22, 1998

DOCUMENT TYPE: Journal ISSN: 0740-3852 (United States)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

Medtech (Jackson, Wyoming) is introducing Compound W Wart Remover Maximum Strength Medicated Pads for Kids; the all-in-one wart **treatment** boasts bright **colors** and designs expected to appeal to kids. The **bandage** 's active ingredient is salicylic acid; the one-step descriptor refers to one step in the process, rather than one pad being used. The Compound W product is one of many kids-oriented products that are seeking to win acceptance by children, such as Curad Wild Styles Tattoo 'U' Bandages.

**35/3,AB,K/3 (Item 3 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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04907141 Supplier Number: 47215390

**Home Health Care**

Drug Topics, p083

March 17, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 95

TEXT:

...help simplify instructions and usage for the caregiver. For example, SignaDRESS has a Visual Change **Indicator** Line to indicate **when** to **change** the **dressing** . And its slim profile is said to reduce the possibility of dressing lift, bunching, and...

**40/3,AB,K/12 (Item 12 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

03146645 Supplier Number: 44296664

**CEO INTERVIEW- DAVID L. CASTALDI, BIOSURFACE TECHNOLOGY, INC. (BSRF)**

Wall Street Transcript Digest, v11, n11, pN/A

Dec 13, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 221

TEXT:

...this year, manufactures and sells EPICEL-CEA epidermal skin grafts, is clinically testing Acticel "living **bandages** ", and is developing Chondrograft, a living cartilage replacement product. Corporate headquarters are in Cambridge, Mass...

...the CEO, the big revenue winners down the road for BioSurface will be:

Acticel living **bandages** for chronic and acute wound healing, and

Chondrograft living cartilage repair products. Both product families...

...that would fill out BioSurface's tissue engineering, tissue regeneration mission using human, cell-based **therapy** . For complete **text**...

**40/3,AB,K/24 (Item 24 from file: 160)**

DIALOG(R)File 160:Gale Group PROMT(R)

(c) 1999 The Gale Group. All rts. reserv.

02452966

**Markets & Innovations in Wound Care**

Research Studies (for further information apply to source indexed) July,  
1989 p. 1-377

This research study provides an overview of new products developed for wound care, focusing on the cutting edge areas of occlusive **dressings** such as films, foams, gels and hydrocolloids, biological and impregnated dressings, synthetic and biological skin and biological response modifiers such as interferons, interleukins and growth factors. The overview includes: The markets, technological developments, product differentiation and competitive positions of major marketers in each segment; factors influencing future growth; market forecasts to 1993; profiles of major healthcare and biotechnology companies including Johnson and Johnson and Bristol-Myers; and quantification and forecast of sales of analgesics; anti-inflammatories and antibiotics linked to wound **care** management.

Full **text** available from: Find/SVP, Information Products Department #M4, 625 Avenue of the Americas, New York, New York, 10011, (212) 645-4500. Cost is \$1795 and report number is AA204.

File 149:TGG Health&Wellness DB(SM) 1976-2003/Aug W3  
File 636:Gale Group Newsletter DB(TM) 1987-2003/Aug 29  
File 441:ESPICOM Pharm&Med DEVICE NEWS 2003/Aug W5  
File 20:Dialog Global Reporter 1997-2003/Sep 02

Set	Items	Description
S1	122932	BANDAGE? ? OR DRESSING? ?
S2	627	ADHESIVE(5N) (FILM OR WEB)
S3	1043099	WOUND? ? OR INJUR???
S4	1422171	CARE
S5	289111	PROTOCOL? ?
S6	1875311	TREAT??? OR TREATMENT? ?
S7	274413	INSTRUCTION?
S8	492287	THERAP?
S9	5562176	DAY? ?
S10	8535791	TIME? ?
S11	7182683	WHEN
S12	4103171	CHANGE? ? OR CHANGING
S13	465180	COLOR? ? OR COLOUR? ?
S14	113489	MARKING? ?
S15	346328	SYMBOL? ?
S16	713163	INDICATOR? ?
S17	778	INDICIA
S18	965808	TEXT? ?
S19	122934	S1 OR S2 (5N) S3
S20	2502991	S13:S18
S21	3644	S4 (3N) S20
S22	940	S5 (3N) S20
S23	4246	S6 (3N) S20
S24	792	S7 (3N) S20
S25	1073	S8 (3N) S20
S26	11188	S9 (3N) S20
S27	122	S10 (2W) S12 (3N) S20
S28	171	S11 (2W) S12 (3N) S20
S29	30	S19 (S) S21:S28
S30	29	RD (unique items)
S31	9	S30/2002:2003
S32	20	S30 NOT S31
S33	20	Sort S32/ALL/PD,D [either duplicates or not relevant]

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200355  
File 347:JAPIO Oct 1976-2003/Apr(Updated 030804)  
File 371:French Patents 1961-2002/BOPI 200209  
File 344:Chinese Patents Abs Aug 1985-2003/Mar

Set	Items	Description
S1	28327	BANDAGE? ? OR DRESSING? ?
S2	35088	ADHESIVE(5N) (FILM OR WEB)
S3	268231	WOUND? ? OR INJUR???
S4	34357	CARE
S5	39204	PROTOCOL? ?
S6	1474050	TREAT??? OR TREATMENT? ?
S7	141749	INSTRUCTION?
S8	98632	THERAP?
S9	137962	DAY? ?
S10	2804368	TIME? ?
S11	3896996	WHEN
S12	1247971	CHANGE? ? OR CHANGING
S13	519594	COLOR? ? OR COLOUR? ?
S14	50064	MARKING? ?
S15	52237	SYMBOL? ?
S16	134590	INDICATOR? ?
S17	13224	INDICIA
S18	364564	TEXT? ?
S19	29433	IC=A61F-013
S20	894	IC=A61F-015
S21	29019	S1 OR S2(S) S3
S22	1094439	S13:S18
S23	468	S22(3N) S4:S5
S24	4094	S22(3N) S6
S25	1845	S22(3N) S7:S9
S26	465	S22(3N) S10(2W) S12
S27	390	S22(3N) S11(2W) S12
<b>S28</b>	<b>5</b>	<b>S21(S) S23:S27</b>
S29	11	S21 AND S23:S27
S30	6	S29 NOT S28
<b>S31</b>	<b>1</b>	<b>S19:S20 AND S30</b>
<b>S32</b>	<b>5</b>	<b>S30 NOT S31</b>
S33	122	S19:S20 AND S21 AND S22
S34	8	S33 AND S4
S35	6116377	5
S36	32	S33 AND S6
S37	12	S33 AND S7:S9
S38	13	S33 AND S10
S39	44	S33 AND S11
S40	0	S33 AND S5
S41	70	(S34 OR S36:S39) NOT (S28 OR S31 OR S32)
S42	22465	S1/TI OR S2/TI
S43	46451	S3/TI
S44	49	S41 AND S42:S43
S45	459	S21(S) S22
S46	0	S44 AND S25
S47	49	S21 AND S22 AND S44
S48	5063	S1:S3(S) S22
S49	37	S44 AND S48
<b>S50</b>	<b>37</b>	<b>S49 NOT (S28 OR S31 OR S32)</b>

28/26, TI/2 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
013327246  
WPI Acc No: 2000-499185/200044

Modified dressing for wounds, comprises sheet with adequate dimension length and width to cover and protect wound, and thickness and periphery edge has at preset distance an aperture with preset width and length

31/34/1 (Item 1 from file: 350)

DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
015071571 \*\*Image available\*\*  
WPI Acc No: 2003-132089/200313

Adhesive sheet used as surgical tape, has adhesive layer on base material impregnated with chemical agent having different colors which passes through base material when discriminable amount of bacteria is increased

Patent Assignee: KAIHATSU KOMONSHITSU YG (KAIH-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002253603	A	20020910	JP 200155620	A	20010228	200313 B

Priority Applications (No Type Date): JP 200155620 A 20010228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 2002253603	A		7	A61F-013/02	
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Abstract (Basic): JP 2002253603 A

NOVELTY - An adhesive sheet has an adhesive layer for contact surface of skin on a base material (1). The base material is impregnated with a chemical agent having different colors which passes through the base material when discriminable amount of bacteria is increased.

USE - As surgical dressing, plaster and surgical tape.

ADVANTAGE - The medical adhesive sheet effectively indicates the bacterial proliferation in the wounds.

DESCRIPTION OF DRAWING(S) - The figure shows perspective diagram of medical adhesive sheet.

Base material (1)

pp; 7 DwgNo 1/2

Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred Arrangement: The base material comprises a water absorbent material having moisture permeability.

The chemical agent is mixed with the adhesive layer.

The chemical agent is impregnated in a holder.

The chemical agent contains chemical agent which produce color changes on different conditions.

The base material is transparent or semi-transparent.

The base material is made of resin or cloth.

ORGANIC CHEMISTRY - Preferred Compounds:

The chemical agent is a pH detecting agent which produces color when the pH changes to acidic from neutral.

The pH detecting agent is indigo carmine, Nile blue, methyl red, phenolphthalein, bromocresol green, bromophenol red, bromothymol blue, cresol red, thymol blue, bromophenol blue, tetrabromophenol red, litmus and/or neutral red.



A hydrogen sulfide detecting agent, such as lead acetate and/or ferric ion is also mixed with the chemical agent  
Derwent Class: A96; D22; E24; P32  
International Patent Class (Main): **A61F-013/02**

**50/26, TI/1 (Item 1 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
015274661  
WPI Acc No: 2003-335592/200332

**Gypsum guard, useful as base of bandage for patients with injured leg part, comprises binding material with different color, fixed thickness adhered to one side of tabular cushioning material having elasticity**

**50/26, TI/5 (Item 5 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
014567322  
WPI Acc No: 2002-388025/200242

**Surgical dressing for wound, comprises non-woven fabric layer comprising hydrophobic fiber and highly adsorbable fiber, polyurethane film layer, and non-bridged hyaluronic acid sponge layer**

**50/26, TI/8 (Item 8 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
014241130  
WPI Acc No: 2002-061830/200208

**Elastic compression support for absorbent wound dressings, comprises tongue between two long edges of panel and limb, fastenings comprising mutually aligned pairs of tabs, and scale markings on tabs**

**50/26, TI/10 (Item 10 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
013939070  
WPI Acc No: 2001-423284/200145

**Bandage for covering wound surface, has polygonal shape with notches formed from vertices towards pad which is stuck on center of adhesive coated base material sheet**

**50/26, TI/11 (Item 11 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
013897052  
WPI Acc No: 2001-381265/200140

**Composition used e.g. for delivering medicaments, for skin cell maturation, for skin protection and coloration, for nutritive applications and for wound healing or repair, contains vernix and medicament**

**50/26, TI/16 (Item 16 from file: 350)**  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
012673074  
WPI Acc No: 1999-479181/199940

**Thin plastic film covering for use e.g. in nappies, bandages, packaging**

**for various objects etc.**

**50/26, TI/19 (Item 19 from file: 350)**  
DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
012624408  
WPI Acc No: 1999-430512/199936  
**Dressing , for treating e.g. wounds**

**50/26, TI/25 (Item 25 from file: 350)**  
DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
010352543  
WPI Acc No: 1995-253857/199533  
**Occlusive dressing for care of skin wounds - with precut release sheet having indicator stripe for locating sepn. line**

**50/26, TI/28 (Item 28 from file: 350)**  
DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
009056692  
WPI Acc No: 1992-184073/199223  
**Dressing with electronic device to assist healing**

**50/26, TI/31 (Item 31 from file: 350)**  
DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
008662057  
WPI Acc No: 1991-166084/199123  
**Dressing having skin or wound contacting surface - has water soluble or swellable fluid interactive hydrocolloid dispersed in elastomeric substance and temp. sensitive liq. crystal tape**

**50/26, TI/34 (Item 34 from file: 350)**  
DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
007261440  
WPI Acc No: 1987-258447/198737  
**Bandage with pressure sensitive element - is ruptured to release dye or gas if excessive pressure is applied**

**50/26, TI/35 (Item 35 from file: 350)**  
DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
003102230  
WPI Acc No: 1981-L2279D/198144  
**Bandage printer for marking under tension - regulates tension when bandage is applied using tensioned rollers to prevent distortion**

**50/26, TI/36 (Item 36 from file: 350)**  
DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
001207482  
WPI Acc No: 1974-81376V/197447  
**Elastic bandage with integral tension indicator - as applied elliptical pattern becoming circular at predetermined tension**

50/26, TI/37 (Item 37 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
00ds  
0845502  
WPI Acc No: 1972-05453T/197204  
Bandage - for treating oedema

50/7, K/6 (Item 6 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
014408081  
WPI Acc No: 2002-228784/200229  
Wadding material for skin treatment and/or wound dressings is in layers, with a number of surface zones with different characteristics for a variety of applications  
Patent Assignee: RAUSCHER CONSUMER PROD GMBH (RAUS-N)  
Inventor: FRUHWUERTH R  
Number of Countries: 100 Number of Patents: 002  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
DE 20118890 U1 20020124 DE 2001U2018890 U 20011120 200229 B  
WO 200343551 A1 20030530 WO 2002EP12914 A 20021118 200336  
Priority Applications (No Type Date): DE 2001U2018890 U 20011120  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
DE 20118890 U1 8 A61F-013/15  
WO 200343551 A1 G A61F-013/00  
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU  
ZA ZM ZW  
Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB  
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW  
Abstract (Basic): DE 20118890 U1

NOVELTY - The material for the **treatment** of skin conditions and/or wound **dressings**, especially as a wadding pad, has at least two surface zones with different characteristics.

DETAILED DESCRIPTION - The skin/ **wound treatment** wadding pad has different surface zones using other materials, structures and/or **colors**. The zones are separated from each other, preferably as defined zones. At least one surface zone is composed of at least 50% of cotton. At least one surface zone is **treated** by water jets to give a corrugated or other surface structure. At least one surface zone is composed at least partially of man-made fibers, as a nonwoven of at least 50% synthetic fibers. At least one surface zone has a shrouding cover, at least partially of cellulose. At least one surface zone is colored. At least one surface zone is a carded fiber web. The material is in layers, with at least one cotton layer with a weight of at least 50 g/m<sup>2</sup>. The cotton layer can be at least two carded cotton webs, with an intermediate tangled web. At least one layer is a dyed nonwoven of polymer fibers. At least one layer is bonded by water jets.

USE - The wadding material is for the **treatment** of skin conditions and/or wound **dressings**.

ADVANTAGE - The wadding can be used for a variety of applications.  
pp; 8 DwgNo 0/0  
Derwent Class: A96; D22; F07; P24; P32  
International Patent Class (Main): **A61F-013/00 ; A61F-013/15**  
International Patent Class (Additional): A45D-040/00; D04H-001/02;  
D04H-001/40; D04H-001/42; D04H-001/46; D04H-001/70

50/7,K/9 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.  
014065630 \*\*Image available\*\*  
WPI Acc No: 2001-549843/200161

**Determination of remaining safe life of diaper or other absorbent articles, e.g. wound dressings, involves using pH indicator in diaper for determining whether pH has reached level at which safe life of diapers has ended**

Patent Assignee: INDICATOR TECHNOLOGIES INC (INDI-N); POUND B G (POUN-I);  
SPRINGER J S (SPRI-I); TAPPA J L (TAPP-I)

Inventor: POUND B G; SPRINGER J S; TAPPA J L

Number of Countries: 095 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200150996	A1	20010719	WO 2001US740	A	20010109	200161 B
AU 200127783	A	20010724	AU 200127783	A	20010109	200166
EP 1267773	A1	20030102	EP 2001901932	A	20010109	200310
			WO 2001US740	A	20010109	
US 20030130631	A1	20030710	US 97949965	A	19971014	200347
			US 2000479955	A	20000110	
			US 2002315670	A	20021210	

Priority Applications (No Type Date): US 2000479955 A 20000110; US 97949965  
A 19971014; US 2002315670 A 20021210

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200150996 A1 E 31 A61F-013/15

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB, GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200127783 A A61F-013/15 Based on patent WO 200150996

EP 1267773 A1 E A61F-013/15 Based on patent WO 200150996

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

US 20030130631 A1 A61F-013/15 CIP of application US 97949965

Cont of application US 2000479955

Abstract (Basic): WO 200150996 A1

NOVELTY - Remaining safe life of a diaper is determined by applying a diaper with pH indicator to a subject; observing the color of the indicator ; and determining whether the pH has reached a level at which the safe life of the diapers has ended based from the indicated color .

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a diaper (40) comprising an electrochemical indicator for measuring pH of an interior environment of the diaper, and a pathogenic prediction unit (47) for receiving electrical signals. The indicator is located within an absorbent core layer (42) of the diaper. It measures pH

levels over **time** and generates electrical signals. The prediction unit performs curve matching based on pH levels, and determines the **time** at which the interior environment of the diaper has become pathogenic.

USE - For determining the safe life of diapers or other absorbent articles, e.g. incontinence garments, wound **dressings**, or catamenial products, bedding, or **bandages**.

ADVANTAGE - The use of diaper **indicator** permits caregivers to be more efficient, and provides wearers with great comfort and safety. It provides protection against dermatological conditions, and more rapid healing of pre-existing dermatological conditions.

DESCRIPTION OF DRAWING(S) - The figure is a perspective view of the interior of a diaper incorporating an electrochemical **indicator**.

Diaper (40)  
Electrochemical cell (41)  
Core layer (42)  
Terminator (45)  
Conductive lines (46)  
Prediction unit (47)  
pp; 31 DwgNo 8/9

Derwent Class: D22; F07; P32; S05

International Patent Class (Main): **A61F-013/15**

International Patent Class (Additional): **A61F-013/20**

Technology Focus:

... Preferred Method: The pH is indicated by visual **color** change.

The measured pH levels of the diaper is compared with curves. The remaining safe...

...of the diaper is predicted based on the selected curve. The predictions also indicate the **time** at which the diaper should be changed. These indications include **color** change and audible signal. Preferred

Component: The **indicator** includes an electrochemical cell (41) having pH sensor and a reference electrode. It further includes...

**50/7,K/20 (Item 20 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012228648 \*\*Image available\*\*

WPI Acc No: 1999-034755/199903

**Extension indicator - gives visual indication when predetermined degree of extension has been applied to bandage, preventing over-tightening**

Patent Assignee: SMITH & NEPHEW PLC (SMIN )

Inventor: AGER C; COLBY E; JONES T; NAIMAN A; PRIEST M; SCARFE J

Number of Countries: 084 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9851247	A1	19981119	WO 98GB1344	A	19980511	199903 B
ZA 9803953	A	19990127	ZA 983953	A	19980511	199910
AU 9873458	A	19981208	AU 9873458	A	19980511	199916
EP 984755	A1	20000315	EP 98920670	A	19980511	200018
			WO 98GB1344	A	19980511	
AU 734219	B	20010607	AU 9873458	A	19980511	200137
US 6432074	B1	20020813	WO 98GB1344	A	19980511	200255
			US 2000423449	A	20000630	

Priority Applications (No Type Date): GB 979425 A 19970510; GB 979422 A 19970510; GB 979423 A 19970510; GB 979424 A 19970510

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 9851247 A1 E 29 A61F-013/02  
Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT UA UG US UZ VN YU ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW  
ZA 9803953 A 27 A61F-000/00  
AU 9873458 A Based on patent WO 9851247  
EP 984755 A1 E A61F-013/02 Based on patent WO 9851247  
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE  
AU 734219 B A61F-013/02 Previous Publ. patent AU 9873458  
Based on patent WO 9851247  
US 6432074 B1 A61F-013/00 Based on patent WO 9851247  
Abstract (Basic): WO 9851247 A

An extension **indicator** (410) comprises a first strip (420) attached at one end (425) to an extensible base layer (440), and a second strip (430) attached at one end (435) to the same base layer (440). The first strip (420) is transparent, overlies the second strip (430), and is provided with a circular image (450). The second strip (430) has two circular images (460, 470) spaced apart at distances representing 50% and 75% extension respectively. With the base layer (440) unextended, the three images appear as three separate images, but **when** the base layer is stretched, image (450) overlaps and coincides with either image (460) or (470) to indicate the degree of extension. Various alternative embodiments are also disclosed.

USE - To assess **when** a pre-determined degree of extension has been applied to an extendable article, such as a **bandage** or **dressings**.

ADVANTAGE - Ensures that sufficient pressure is applied to achieve **therapeutic** benefit without over-tightening the **bandage**.

4B, 4C/4

Derwent Class: D22; P32

International Patent Class (Main): A61F-000/00; **A61F-013/00** ; **A61F-013/02**

International Patent Class (Additional): **A61F-013/00**

**50/7,K/21 (Item 21 from file: 350)**

DIALOG(R) File 350: Derwent WPIX

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012153429 **\*\*Image available\*\***

WPI Acc No: 1998-570341/199849

**Bandage compression indicator - has geometric pattern in contrasting colour in weave which provides visual indication of compressive force applied by bandage**

Patent Assignee: ETHICON INC (ETHI ); AVCOR HEALTH CARE PROD INC (AVCO-N);  
JOHNSON & JOHNSON MEDICAL INC (JOHJ )

Inventor: HANSEN G P; TRAINOR F M; WALKER M H

Number of Countries: 028 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 876809	A1	19981111	EP 98303527	A	19980506	199849 B
AU 9863825	A	19981112	AU 9863825	A	19980505	199906
JP 11004850	A	19990112	JP 98124755	A	19980507	199912
US 6050967	A	20000418	US 97853090	A	19970508	200026
			US 98192918	A	19981116	

AU 740715        B    20011115    AU 9863825        A    19980505    200202  
EP 876809        B1   20020731    EP 98303527       A    19980506    200257  
DE 69806844      E    20020905      DE 606844        A    19980506    200266  
                         EP 98303527        A    19980506

Priority Applications (No Type Date): US 97853090 A 19970508; US 98192918 A 19981116

Patent Details:

Patent No    Kind    Lan    Pg    Main    IPC        Filing    Notes

EP 876809        A1    E    10    A61F-013/00

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 11004850      A        6

US 6050967        A        A61F-005/00    Cont of application US 97853090

AU 740715        B        A61F-013/00    Previous Publ. patent AU 9863825

EP 876809        B1    E        A61F-013/00

Designated States (Regional): AT BE CH DE FR GB IE LI LU NL

DE 69806844      E        A61F-013/00    Based on patent EP 876809

Abstract (Basic): EP 876809 A

An elastic **bandage** (11) comprises an elongated strip of knitted fabric incorporating two parallel **indicator** yarns (60,61) of contrasting **colour** , joined by interconnecting bars (60b,61b) defining a continuous pattern (12) of adjoining rectangles (13). **When the bandage** is stretched, the geometric pattern is distorted, giving a visual indication of the tension, and consequently the compressive force, being imparted by the **bandage** (11).

USE - For use as a compression **bandage** .

ADVANTAGE - The **indicator** yarns give an accurate, precise, and durable indication of the compressive force being applied by the **bandage** .

Dwg.1,2/5

Derwent Class: D22; F07; P32

International Patent Class (Main): A61F-005/00; **A61F-013/00**

**50/7,K/24        (Item 24 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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011844062        \*\*Image available\*\*

WPI Acc No: 1998-260972/199823

**Wound dressing comprising hydrocolloid layer that swells in use - comprises backing layer with reference mark to indicate when dressing should be changed**

Patent Assignee: BRISTOL-MYERS SQUIBB CO (BRIM )

Inventor: KADASH M A; MARSH T A; SMITH S; MARSH T P

Number of Countries: 025    Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9812996	A1	19980402	WO 97US17140	A	19970922	199823    B
AU 9744323	A	19980417	AU 9744323	A	19970922	199834
US 5897516	A	19990427	US 96722331	A	19960927	199924
EP 928174	A1	19990714	EP 97942682	A	19970922	199932
			WO 97US17140	A	19970922	
CN 1232378	A	19991020	CN 97198300	A	19970922	200009
MX 9902684	A1	19991201	MX 992684	A	19990322	200110
AU 729472	B	20010201	AU 9744323	A	19970922	200112
JP 2001502564	W	20010227	WO 97US17140	A	19970922	200115
			JP 98515869	A	19970922	
NZ 334607	A	20010427	NZ 334607	A	19970922	200128

WO 97US17140 A 19970922  
US 6235964 B1 20010522 US 96722331 A 19960927 200130  
US 99256140 A 19990224  
Priority Applications (No Type Date): US 96722331 A 19960927; US 99256140 A 19990224

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9812996	A1	E	16	A61F-005/00	
Designated States (National): AU CA CN JP MX NZ					
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 9744323	A			A61F-005/00	Based on patent WO 9812996
US 5897516	A			A61F-013/00	
EP 928174	A1	E		A61F-005/00	Based on patent WO 9812996
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
CN 1232378	A			A61F-005/00	
MX 9902684	A1			A61F-005/00	
AU 729472	B			A61F-005/00	Previous Publ. patent AU 9744323
					Based on patent WO 9812996
JP 2001502564	W		13	A61F-013/02	Based on patent WO 9812996
NZ 334607	A			A61F-013/02	Based on patent WO 9812996
US 6235964	B1			A61F-013/00	Div ex application US 96722331
					Div ex patent US 5897516

Abstract (Basic): WO 9812996 A

A **wound dressing** (10) comprises: (a) a backing layer (20) bearing reference **marking** (25); (b) a hydrocolloid layer (30); and (c) a release layer (40). The reference **marking** is in a location such that swelling of (b) extending beyond the **marking** indicates that the **dressing** should be changed.

USE - The wounds may be ulcers, surgical wounds, minor abrasions or lacerations, burns, punctures, Moh's surgery or dermatological excisions.

ADVANTAGE - The **dressings** are neither changed too frequently, nor left on too long to cause damage; less professional judgement is required.

Dwg.2/2

Derwent Class: A28; A96; B07; D22; P32; P34

International Patent Class (Main): A61F-005/00; **A61F-013/00** ; **A61F-013/02**

International Patent Class (Additional): **A61F-013/42** ; A61L-015/16; A61L-015/56; A61L-015/58; A61L-015/60

**50/7,K/26 (Item 26 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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010294896 \*\*Image available\*\*

WPI Acc No: 1995-196156/199526

**Multi-colour printed nonwoven laminate - comprises fibrous nonwoven web facing layer and substrate layer bonded by coloured adhesive inks, used for nappy, sanitary napkin, bandage etc.**

Patent Assignee: KIMBERLY-CLARK CORP (KIMB ) ; KIMBERLY CLARK CORP (KIMB ) ; KIMBERLY-CLARK WORLDWIDE INC (KIMB )

Inventor: YEO R S; YEO R

Number of Countries: 060 Number of Patents: 013

Patent Family:



Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2284384	A	19950607	GB 9424090	A	19941129	199526 B
WO 9515410	A1	19950608	WO 94US12688	A	19941104	199528
CA 2116935	A	19950602	CA 2116935	A	19940303	199535
ZA 9409027	A	19950927	ZA 949027	A	19941114	199544
TW 262432	A	19951111	TW 94110697	A	19941118	199606
US 5503076	A	19960402	US 93161101	A	19931201	199619
DE 4499437	T	19961205	DE 4499437	A	19941104	199703
			WO 94US12688	A	19941104	
GB 2284384	B	19970611	GB 9424090	A	19941129	199726
AU 679815	B	19970710	AU 9510881	A	19941104	199736
BR 9408217	A	19970826	BR 948217	A	19941104	199740
			WO 94US12688	A	19941104	
CN 1142254	A	19970205	CN 94194864	A	19941104	200053
MX 194233	B	19991124	MX 948740	A	19941110	200106
KR 338341	B	20021004	WO 94US12688	A	19941104	200324
			KR 96702860	A	19960531	

Priority Applications (No Type Date): US 93161101 A 19931201

Cited Patents: 01Jnl.Ref; GB 1774426; JP 62146621; US 3117905; US 3666594

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2284384	A		29	B32B-007/14	
WO 9515410	A1	E	29	D04H-013/00	
Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ					
CA 2116935	A			B32B-007/14	
ZA 9409027	A		28	A61F-000/00	
TW 262432	A			B32B-005/00	
US 5503076	A		8	D06P-003/00	
DE 4499437	T			D04H-013/00	Based on patent WO 9515410
GB 2284384	B			B32B-007/14	
AU 679815	B			D04H-013/00	Previous Publ. patent AU 9510881 Based on patent WO 9515410
BR 9408217	A			D04H-013/00	Based on patent WO 9515410
CN 1142254	A			D04H-013/00	
MX 194233	B			D06P-003/000	
KR 338341	B			D04H-013/00	Previous Publ. patent KR 96706580 Based on patent WO 9515410

Abstract (Basic): GB 2284384 A

A multi- **colour** printed nonwoven laminate comprises a fibrous nonwoven web facing layer and a substrate layer bonded by coloured adhesive inks positioned between them in a bond pattern with cohesive strength of at least 38,000 N/m<sup>2</sup> which is visible through the facing layer. Pref. the inks comprise 50-99.5% polyvinyl alcohol, ethylene vinyl acetate or latex.

USE - Used for the outer cover of an absorbent personal **care** article (claimed) e.g. an incontinence device, nappy, training pant or sanitary napkin, or **bandages** etc..

ADVANTAGE - The **marking** is abrasion resistant.

Dwg.1/4

Abstract (Equivalent): GB 2284384 B

A multi- **colour** printed nonwoven laminate comprising:  
a facing layer comprising a fibrous non-woven web, a woven material

or a knitted material, and a substrate layer bonded to said facing layer by a plurality of coloured adhesive inks positioned between said facing layer and said substrate layer in a bond pattern, said plurality of coloured adhesive inks providing a cohesion strength between said facing layer and said substrate layer of at least about 38,000 N/m<sup>2</sup>, said plurality of coloured adhesive inks being visible through a surface of said facing layer disposed away from said coloured adhesive inks.

Dwg.1

Abstract (Equivalent): US 5503076 A

A process for forming a multi- **colour** printed nonwoven laminate comprising: printing a first coloured adhesive ink onto a surface of a substrate layer, sequentially printing a second coloured adhesive ink onto a surface of a fibrous nonwoven web facing layer, positioning the surface of the fibrous nonwoven web facing layer on top of and in face-to-face relationship with the surface of the substrate layer to bond the facing layer and the substrate layer together while the facing layer and the substrate layer are under compression to form a laminate, and drying the laminate.

(Dwg.0/3

Derwent Class: A14; A96; A97; D22; F04; F06; G03; P21; P32; P54; P73  
International Patent Class (Main): A61F-000/00; B32B-005/00; B32B-007/14; D04H-013/00; D06P-003/00; D06P-003/000  
International Patent Class (Additional): A41B-000/00; **A61F-013/15** ; B23B-007/14; B32B-007/00; C09D-000/00; D04H-001/00

**50/7,K/27 (Item 27 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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009932190 \*\*Image available\*\*

WPI Acc No: 1994-199901/199424

**Elasticated bandage for exerting preset pressure - has geometrical pattern which indicates correct bandage tension**

Patent Assignee: CONVATEC LTD (CONV-N); BRIGHTWAKE LTD (BRIG-N)

Inventor: ALLEN K A

Number of Countries: 046 Number of Patents: 013

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9412133	A1	19940609	WO 93GB2469	A	19931130	199424 B
AU 9455717	A	19940622	AU 9455717	A	19931130	199436
ZA 9308998	A	19941130	ZA 938998	A	19931201	199502
EP 671898	A1	19950920	WO 93GB2469	A	19931130	199542
			EP 94900953	A	19931130	
CZ 9501394	A3	19951018	CZ 951394	A	19931130	199549
JP 8503631	W	19960423	WO 93GB2469	A	19931130	199645
			JP 94512941	A	19931130	
SK 9500655	A3	19961106	WO 93GB2469	A	19931130	199702
			SK 95655	A	19931130	
AU 676871	B	19970327	AU 9455717	A	19931130	199721
HU 71943	T	19960228	WO 93GB2469	A	19931130	199740
			HU 951473	A	19931130	
EP 671898	B1	19971105	WO 93GB2469	A	19931130	199749
			EP 94900953	A	19931130	
DE 69315086	E	19971211	DE 615086	A	19931130	199804
			WO 93GB2469	A	19931130	
			EP 94900953	A	19931130	

US 5779659	A	19980714	US 95446724	A	19950530	199835
			US 97791538	A	19970318	
HU 215509	B	19990128	WO 93GB2469	A	19931130	199912
			HU 951473	A	19931130	

Priority Applications (No Type Date): GB 9225146 A 19921201

Cited Patents: DE 3640979; EP 475811; FR 2499416; US 3613679

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9412133	A1	G	15	A61F-013/00	
Designated States (National): AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ LK LU MG MN MW NL NO NZ PL PT RO RU SD SE SK UA US VN					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE					
AU 9455717	A			A61F-013/00	Based on patent WO 9412133
ZA 9308998	A		12	A61F-000/00	
EP 671898	A1	E		A61F-013/00	Based on patent WO 9412133
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE					
JP 8503631	W		14	A61F-013/00	Based on patent WO 9412133
AU 676871	B			A61F-013/00	Previous Publ. patent AU 9455717
Based on patent WO 9412133					
HU 71943	T			A61F-013/00	Based on patent WO 9412133
EP 671898	B1	E	6	A61F-013/00	Based on patent WO 9412133
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE					
DE 69315086	E			A61F-013/00	Based on patent EP 671898
Based on patent WO 9412133					
US 5779659	A			A61F-005/00	Cont of application US 95446724
HU 215509	B			A61F-013/00	Previous Publ. patent HU 71943
Based on patent WO 9412133					
CZ 9501394	A3			A61F-013/00	
SK 9500655	A3			A61F-013/00	

Abstract (Basic): WO 9412133 A

Elasticated **bandage** (1) comprises a knitted structure having knitted into it two components including linked rectangles e.g. alternating larger and smaller rectangles (2,3) of contrasting **colour** to that of the **bandage** with longer sides transverse to the **bandage** length and the shorter edges forming a continuous line along the **bandage** centre line and which become squares **when** the **bandage** is tensioned correctly to a tension of 1 to 1.5 Newton to give a pressure on the covered limb of at least 40mm of mercury.

USE/ADVANTAGE - Pressure bandaging of a limb. Allows pressure to be controlled to correct value.

Dwg.1/3

Abstract (Equivalent): EP 671898 B

An elasticated **bandage** bearing a geometrical pattern comprising two components which adopt recognisable configurations **when** the **bandage** is extended to corresponding pre-determined degrees, characterised in that said two components are alternating large and small rectangles having short sides which lie parallel to the longitudinal axis of the **bandage** and longer sides which lie transverse to the **bandage**, the short sides of the large and small rectangles being colinear and together forming an application guideline located half-way between the **bandage** longitudinal edges.

Dwg.0/3

Derwent Class: D22; P32

International Patent Class (Main): A61F-000/00; A61F-005/00; **A61F-013/00**

**50/7,K/29 (Item 29 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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008963120 \*\*Image available\*\*

WPI Acc No: 1992-090389/199212

**Bandage for exerting pressure on limbs to improve circulation - marked with rectangles which when stretched become squares, when known tension is applied**

Patent Assignee: ETAB THUASNE & CIE (THUS ); THUASNE-PARIS (THUS );

THUASNE-PARIS SA (THUS )

Inventor: COURTET F; DUCOTTET E; PICOLET J P

Number of Countries: 013 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 475811	A	19920318	EP 91402334	A	19910830	199212 B
FR 2666222	A	19920306	FR 9010855	A	19900831	199218

Priority Applications (No Type Date): FR 9010855 A 19900831

Cited Patents: DE 2640979; FR 2499416; FR 2544982; US 3613679

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 475811	A	10		
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Designated States (Regional): AT BE CH DE DK ES GB IT LI LU NL SE

FR 2666222	A	14
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Abstract (Basic): EP 475811 A

Pressure exerted by a **bandage** on a **bandaged** limb is proportional to the tension applied and the number of layers, and inversely proportional to the width of the **bandage** and the radius of the limb. **Bandage** is marked with rectangles, the short edge of the rectangles being parallel with the sides of the **bandage**. During use, the **bandage** is stretched so the rectangles becomes squares, when a known tension is then being applied.

USE/ADVANTAGE - For bandaging human or animal limbs, exerting sufficient pressure to improve venal or lymphatic circulation, but without forming a tourniquet. Human eye can accurately see when a square has been formed in the **bandage markings** and know that the correct pressure is applied.

Dwg.5,6/7

Derwent Class: D22; P32

International Patent Class (Additional): **A61F-013/00 ; A61F-013/08**

**50/7,K/30 (Item 30 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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008951726

WPI Acc No: 1992-078995/199210

**Multicoloured orthopaedic cast bandage - comprises open mesh fabric with colourants and curable impregnating resin**

Patent Assignee: CAROLINA NARROW FABRIC CO (CARO-N); JOHNSON & JOHNSON

ORTHOPAEDICS INC (JOHJ ); JOHNSON & JOHNSON ORTHOPAEDICS LTD (JOHJ );

CAROLINA NARROW FAB (CARO-N); JOHNSON & JOHNSON ORTHOP (JOHJ ); JOHNSON

& JOHNSON PROFESSIONAL (JOHJ ); CAROLINA NARROW FAB CO (CARO-N)

Inventor: FREEMAN H L; YOON H K

Number of Countries: 014 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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US 5088484	A	19920218	US 90593852	A	19901005	199210	B
EP 479269	A	19920408	EP 91116826	A	19911002	199215	
AU 9185569	A	19920409	AU 9185569	A	19911004	199224	
JP 5038349	A	19930219	JP 91323629	A	19911004	199312	
AU 641552	B	19930923	AU 9185569	A	19911004	199345	
PT 99159	A	19940228	PT 99159	A	19911004	199412	
EP 479269	B1	19970319	EP 91116826	A	19911002	199716	
DE 69125237	E	19970424	DE 625237	A	19911002	199722	
			EP 91116826	A	19911002		
ES 2101707	T3	19970716	EP 91116826	A	19911002	199735	
IE 81510	B	20010124	IE 913441	A	19910930	200118	
JP 3245435	B2	20020115	JP 91323629	A	19911004	200206	

Priority Applications (No Type Date): US 90593852 A 19901005

Cited Patents: DE 3929356; US 4934356

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 479269	A		11		
Designated States (Regional): BE DE ES FR GB GR IT LU NL					
AU 9185569	A			A61F-013/04	
JP 5038349	A		8	A61F-013/04	
AU 641552	B			A61F-013/04	Previous Publ. patent AU 9185569
PT 99159	A			A61F-013/04	
EP 479269	B1	E	12	A61F-013/04	

Designated States (Regional): BE DE ES FR GB GR IT LU NL					
DE 69125237	E			A61F-013/04	Based on patent EP 479269
ES 2101707	T3			A61F-013/04	Based on patent EP 479269
IE 81510	B			A61F-013/00	
JP 3245435	B2		8	A61F-013/04	Previous Publ. patent JP 5038349

Abstract (Basic): US 5088484 A

A **bandage** comprises an open-mesh fibrous tape coated with curable hardenable liquid resin and at least one colouring agent stably retained on at least part of the tape while soft in the presence of liquid resin and not adversely affected by the resin hardening. The tape is pref. of polyester, cotton and/or glass fibres, partic. a knitted fabric of textured polyester yarns.

The resin is pref. water-hardenable polyurethane prepolymer and the coated tape is storage stable for more than two months at 50 deg C **when** packaged in a sealed container. The colouring agent is pref. a sublimable disperse dye which may be disposed on one side only of the tape, or there may be a pattern of two or more diff. **colours** applied by transfer-, pigment- or wet-printing.

ADVANTAGE - Allows a single multicoloured **bandage** to be applied using conventional methods to improve appearance and assist recovery without requiring the use of several **bandages** . (8pp)

Abstract (Equivalent): EP 479269 B

An orthopaedic cast **bandage** for forming a coloured orthopaedic cast comprising an open mesh fibrous tape (12), a hardenable liq. resin coated on the fibrous tape, the resin being capable of curing to form a hardened plastic (32) and a colouring agent (14), characterised by at least one colouring agent (14) visibly disposed on at least a portion of the fibrous tape (12), the colouring agent (14) being stably retained by the fibrous tape (12) in the presence of the liq. resin and the hardened plastic (32) following curing of the resin.

Dwg.1/3

Derwent Class: A96; D22; P32; P34

International Patent Class (Main): A61F-013/00 ; A61F-013/04

ASRC Searcher: Jeanne Horrigan  
Serial 10/005016  
September 3, 2003

27

International Patent Class (Additional): A61F-005/04; **A61F-013/06** ;  
A61L-015/00

File 348:EUROPEAN PATENTS 1978-2003/Aug W04  
File 349:PCT FULLTEXT 1979-2002/UB=20030828,UT=20030821

Set	Items	Description
S1	20014	BANDAGE? ? OR DRESSING? ?
S2	18030	ADHESIVE(5N)(FILM OR WEB)
S3	133760	WOUND? ? OR INJUR???
S4	82534	CARE
S5	136451	PROTOCOL? ?
S6	471316	TREAT??? OR TREATMENT? ?
S7	126767	INSTRUCTION?
S8	152483	THERAP?
S9	222689	DAY? ?
S10	992773	TIME? ?
S11	1146074	WHEN
S12	1189183	CHANGE? ? OR CHANGING
S13	200345	COLOR? ? OR COLOUR? ?
S14	35313	MARKING? ?
S15	125512	SYMBOL? ?
S16	87176	INDICATOR? ?
S17	16679	INDICIA
S18	85326	TEXT? ?
S19	9682	IC=A61F-013
S20	247	IC=A61F-015
S21	20180	S1 OR S2(5N)S3
S22	420236	S13:S18
S23	249	S21(10N)S22
S24	85	S19:S20 AND S23
S25	81	S21(S)S22 AND S24
<b>S26</b>	<b>11</b>	<b>S23/AB</b>
S27	1144622	S4:S10
S28	77	S23(S)S27 NOT S26
<b>S29</b>	<b>21</b>	<b>S19:S20 AND S28</b>

26/6/4 (Item 4 from file: 348)  
00223498  
Color stabilized hydrogel dressing and process.

26/6/6 (Item 2 from file: 349)  
00804146  
METHOD FOR THE PRODUCTION OF AN ABSORBENT BANDAGE FOR A WOUND AND ABSORBENT  
BANDAGE FOR A WOUND

26/3,AB/7 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00761604  
MULTIPURPOSE FIRST-AID BANDAGE  
PANSEMENT DE PREMIERS SOINS A USAGES MULTIPLES  
Patent Applicant/Inventor:  
TANO Robert S, PMB 101, 4725 Dorsey Hall Drive, Ellicott City, MD 21042,  
US, US (Residence), US (Nationality)  
Legal Representative:  
CRAIG Royal W, Law Offices of Royal W. Craig, Suite 1319, 210 North  
Charles Street, Baltimore, MD 21201, US  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200074616 A1 20001214 (WO 0074616)

Application: WO 2000US6269 20000310 (PCT/WO US0006269)  
Priority Application: US 99137454 19990602  
Designated States: CA JP US  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 4300  
English Abstract

A multipurpose first-aid adhesive bandage (30) for covering a traumatized site on the skin and for administering hot or cold treatments, therapeutic medicinal agents, an adhesive dissolving component that permits easy separation of the bandage when adhered to the skin, and providing a display for a decorative child appealing simulative character or **indicia**. The first-aid **bandage** (30) has an elongated main body having an upper surface (34), a lower surface (38) and an interior region. The lower surface (38) is coated with an adhesive (33) for adhering the bandage to the skin, and has a raised gauze portion (23) for covering the traumatized site. The interior region (35) comprises a mixing chamber (28) and a plurality of compressible rupturable reservoir chambers (21, 23) for containing a variety of therapeutic medicinal agents, reactive cooling or heating chemicals, foams, gels, gases and liquids.

**26/3,AB/8 (Item 4 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT  
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00567320

**DRESSING  
PANSEMENT**

Patent Applicant/Assignee:

DEOTEXIS INC,  
TEBBE Gerold,

Inventor(s):

TEBBE Gerold,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200030693 A1 20000602 (WO 0030693)

Application: WO 99EP7071 19990923 (PCT/WO EP9907071)

Priority Application: DE 19853850 19981123

Designated States: JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE

Publication Language: German

Fulltext Word Count: 3095

English Abstract

The purpose of the present invention is to match exactly the **colour** of a **dressing** with the **colour** of the surrounding area where said **dressing** is applied. To this end, the outer face (14) of the dressing is treated so as to absorb a cosmetic preparation applied on the surrounding cutaneous area.

**26/3,AB/9 (Item 5 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT  
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00481229

**WOUND DRESSING  
PANSEMENT**

Patent Applicant/Assignee:



T G EAKIN LIMITED,  
EAKIN Thomas George,  
Inventor(s):  
EAKIN Thomas George,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9912581 A2 19990318  
Application: WO 98GB2623 19980901 (PCT/WO GB9802623)  
Priority Application: GB 9718923 19970905  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 3543  
English Abstract

A wound dressing is formed from a covering release layer, a **dressing** layer, an **indicator** layer, a transparent or translucent **indicator** bonding layer and a transparent or translucent outer covering. The **indicator** layer contains a dye which changes **colour** on contact with water. When the **dressing** layer becomes saturated, water permeates the **indicator** layer and triggers a colour change. **The colour change is visible through the indicator bonding layer and outer covering and shows a carer that the dressing needs to be replaced.**

26/3,AB/10 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00450631

**ANTI-MICROBIAL COATINGS HAVING INDICATOR PROPERTIES AND WOUND DRESSINGS  
REVETEMENTS ANTIMICROBIENS AGISSANT EN TANT QU'INDICATEURS ET SPARADRAPS**

Patent Applicant/Assignee:  
WESTAIM TECHNOLOGIES INC,  
BURRELL Robert Edward,  
PRECHT Roderick John,  
Inventor(s):  
BURRELL Robert Edward,  
PRECHT Roderick John,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9841095 A2 19980924  
Application: WO 98CA102 19980217 (PCT/WO CA9800102)  
Priority Application: US 97818869 19970317  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML  
MR NE SN TD TG  
Fulltext Word Count: 12980  
English Abstract

**Multilayer anti-microbial materials formed to produce an interference colour, and thus an indicator of anti-microbial effect, are provided. The materials include a partly reflective base layer and a partly reflective, partly transmissive top layer balanced to produce an interference colour. The top layer is formed from an anti-microbial metal with atomic**

disorder. Dissolution or a change in composition of the top layer on contacting an alcohol or electrolyte causes a change in optical path length so as to produce a change in the interference **colour** of the material. Multilayer, laminated wound **dressings** are also provided. The dressing includes a first and second layer, and preferably a third layer. The first and third layers are formed of perforated, non-adherent materials and most preferably carry an anti-microbial coating as above. The second layer is sandwiched between the first and third layers and is formed of an absorbent material. At least one of the layers is formed from a plastic material. The layers are laminated together by ultrasonic welds spaced intermittently on the dressing to allow the dressing to be cut to size with delaminating.

29/6/2 (Item 2 from file: 348)

01221434

**A PRESSURE RELIEVING DRESSING**

29/6/4 (Item 4 from file: 348)

00911536

**A PERMANENTLY DEFORMABLE DRESSING**

29/6/5 (Item 5 from file: 348)

00827911

**Wound dressing having film-backed hydrocolloid-containing adhesive layer with linear depressions**

29/6/6 (Item 6 from file: 348)

00767319

**SPYROSORBENT WOUND DRESSINGS FOR EXUDATE MANAGEMENT**

29/6/8 (Item 8 from file: 348)

00369080

**Heat shrinkable bandage cover.**

29/6/9 (Item 1 from file: 349)

00983801 \*\*Image available\*\*

**PRODUCTS WITH COLOR MASKING PROPERTIES**

29/6/13 (Item 5 from file: 349)

00748032 \*\*Image available\*\*

**A PRESSURE RELIEVING DRESSING**

29/6/18 (Item 10 from file: 349)

00477738

**PERFORATED CONTOURED FILM FOR USE IN A BANDAGE**

29/6/19 (Item 11 from file: 349)

00404335 \*\*Image available\*\*

**A PERMANENTLY DEFORMABLE DRESSING**

29/6/20 (Item 12 from file: 349)

00340242 \*\*Image available\*\*

**A DRESSING HAVING A THREE-DIMENSIONAL PART AND PROCESSES FOR THE PREPARATION OF SUCH A DRESSING**

29/6/21 (Item 13 from file: 349)

00325715      \*\*Image available\*\*  
**SPYROSORBENT WOUND DRESSINGS FOR EXUDATE MANAGEMENT**

**29/3,AB/1      (Item 1 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.  
01250337  
**MULTILAYER COMPRESSION STOCKING SYSTEM AND METHOD**  
**MEHRSCICHTIGE KOMPRESSIONSORTHESE UND VERFAHREN ZUM ANZIEHEN**  
**SYSTEME DE BAS OU BANDAGE A COMPRESSION MULTICOUCHE ET PROCEDE**  
PATENT ASSIGNEE:  
Carolyn Company, (3213320), 601 Forum Parkway, Rural Hall, NC 27045, (US)  
, (Proprietor designated states: all)  
INVENTOR:  
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LEGAL REPRESENTATIVE:  
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London EC4A 3BA, (GB)  
PATENT (CC, No, Kind, Date): EP 1104275 A1 010606 (Basic)  
EP 1104275 B1 030319  
WO 2001000118 010104  
APPLICATION (CC, No, Date): EP 2000950241 000623; WO 2000US17213 000623  
PRIORITY (CC, No, Date): US 141085 P 990625  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: **A61F-013/08**  
NOTE: No A-document published by EPO  
LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:  

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200312	925
CLAIMS B	(German)	200312	855
CLAIMS B	(French)	200312	1110
SPEC B	(English)	200312	7238
Total word count - document A			0
Total word count - document B			10128
Total word count - documents A + B			10128

**29/3,AB/7      (Item 7 from file: 348)**  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.  
00436784  
**Dressing including an indicator.**  
**Wundverband mit Anzeige.**  
**Pensement incluant un indicateur.**  
PATENT ASSIGNEE:  
E.R. Squibb & Sons, Inc., (204050), Lawrenceville-Princeton Road,  
Princeton, N.J. 08540-4000, (US), (applicant designated states:  
DE;FR;GB;IT)  
INVENTOR:  
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Thomas, Roger Tamlyn et al (36671), D. Young & Co. 21 New Fetter Lane,  
London EC4A 1DA, (GB)  
PATENT (CC, No, Kind, Date): EP 430608 A1 910605 (Basic)

EP 430608 B1 950215  
APPLICATION (CC, No, Date): EP 90312811 901126;  
PRIORITY (CC, No, Date): US 446341 891128  
DESIGNATED STATES: DE; FR; GB; IT  
INTERNATIONAL PATENT CLASS: **A61F-013/02**  
ABSTRACT EP 430608 A1

A dressing having a skin or wound contacting surface is provided with an indicator means on the opposite surface. The indicator means is capable of sensing the condition of the skin or wound underlying the dressing and conveying the information to the health care professional eliminating the need to frequently change the dressing.

ABSTRACT WORD COUNT: 55

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF2	474
CLAIMS B	(German)	EPBBF2	422
CLAIMS B	(French)	EPBBF2	568
SPEC B	(English)	EPBBF2	2505
Total word count - document A			0
Total word count - document B			3969
Total word count - documents A + B			3969

**29/3,AB/11 (Item 3 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00770479

**COMPRESSION BANDAGE**

**PANSEMENT COMPRESSIF**

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Patent and Priority Information (Country, Number, Date):

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Application: WO 2000SE1364 20000628 (PCT/WO SE0001364)

Priority Application: SE 992667 19990712

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility  
model) DM DZ EE EE (utility model) ES FI FI (utility model) GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK  
(utility model) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: Swedish

Fulltext Word Count: 1986

English Abstract

The present invention relates to a compression bandage, such as for ankle joints knees and thighs, for quickly take good care of sprainings, leading-

string injuries and interior extravasations of blood, whereby the bandage is composed of a preformed, non-elastic, casing being possible to open (1), which is provided with non-elastic variable sealing devices (2, 4).

**29/3,AB/15 (Item 7 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00730059

**WOUND MANAGEMENT SYSTEM AND WOUND DRESSING**

**SYSTEME DE GESTION DE PLAIES ET PANSEMENTS**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200043046 A2-A3 20000727 (WO 0043046)

Application: WO 2000US492 20000121 (PCT/WO US0000492)

Priority Application: US 99116650 19990121

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DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8395

English Abstract

A wound management system (Fig. 7, 8, 9, 10) and wound dressings (Fig. 1, 2, 2A, 3, 4, 5, and 6) uses a software program to evaluate wound assessment data and recommend treatment, wound dressing, frequency, cleansing and irrigation protocols for treating wounds. The software program also generates documentation tools directing proper treatments, management and tracking of the healing outcomes of the wound or wounds involved. Pictorial instructions are generated to direct health care professionals in the proper treatment of the wound. A wound assessment tool is provided for which has a color scale that corresponds to the coloring of wounds indicating whether the wound is deoxygenated and further indicating whether the wound is non-infectious, infectious or in need of tissue growth enhancers. The wound dressing has a "macro" vent aperture(s) cut (Fig. 1, 2, 2A, 3, 4, 5, and 6) therein which enhance the flow of air to the wound site and venting of gasses from the wound site, while retaining protective covering of the wound. The dressing involved may be foam, sponges, gauze, surgical pads, and adhesive bandage strips.

**29/3,AB/17 (Item 9 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00504665

**A DRESSING**

**PANSEMENT**

Patent Applicant/Assignee:

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SCHOENFELDT Lars,  
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SCHOENFELDT Lars,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 9936017 A1 19990722  
Application: WO 99DK24 19990115 (PCT/WO DK9900024)  
Priority Application: DK 9800048 19980115  
Designated States: AL AM AT AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ DE DE  
DK DK EE EE ES FI FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ  
BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 3050  
English Abstract

A dressing for covering a portion of the anatomical surface of a living being, said dressing being able to adhere to the skin, the mucosa and/or a wound on a portion of a living being, said dressing comprising a substantially water-impervious layer and a skin-friendly adhesive, said water-impervious layer has a pattern of indentation characterised in that the gap of the indentations in the water-impervious layer is diminishing or disappearing when the dressing is moistened.